

AUG 14 2006

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**SCULLY, SCOTT, MURPHY
& PRESSER****Fax****To:** Examiner: Sin J. Lee
Art Unit: 1752**From:** Yongzhi Yang**Fax:** 571-273-8300**Pages:** 12 pages including fax cover sheet**Phone:****Date:** 8/14/2006**Re:** U.S. Patent Appln. 10/679,782
Filed: October 6, 2003
Docket: FIS920030196US1 (16715)
Confirmation No. 3728**CC:****RESPONSE TO OFFICE ACTION**

Please see the following documents:

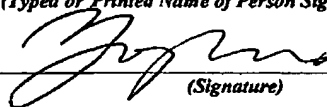
1. Amendment Transmittal (in duplicate)
2. Authorization to charge IBM deposit account
3. Response Under 37 C.F.R. § 1.111 (8 pages)
4. Certificate of transmission by facsimile dated August 14, 2006

If you have any questions concerning this facsimile please contact Vivian Henriquez at 516-742-4343.
Thank you.

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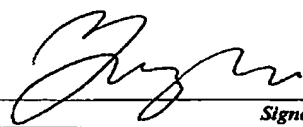
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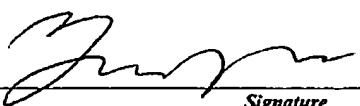
CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8) Applicant(s): Marie Angelopoulos et al.			Docket No. FIS920030196US1 (16715)	
Application No. 10/679,782	Filing Date October 6, 2003	Examiner Sin J. Lee	Group Art Unit 1752	
Invention: SILICON-CONTAINING COMPOSITIONS FOR SPIN-ON ARC/HARDMASK MATERIALS				
<p>I hereby certify that this <u>RESPONSE UNDER 37 C.F.R. §1.116</u> (Identify type of correspondence) is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. <u>571-273-8300</u>) on <u>August 14, 2006</u> (Date)</p> <p style="text-align: right;"><u>Yongzhi Yang</u> (Typed or Printed Name of Person Signing Certificate)  (Signature)</p> <p style="text-align: center;">Note: Each paper must have its own certificate of mailing.</p>				

P18/REV02

AUG 14 2006

AMENDMENT TRANSMITTAL LETTER (Large Entity)					Docket No. FIS920030196US1 (16715)	
Applicant(s): Marie Angelopoulos et al.						
Application No. 10/679,782	Filing Date October 6, 2003	Examiner Sin J. Lee	Customer No. 23389	Group Art Unit 1752	Confirmation No. 3728	
Invention: SILICON-CONTAINING COMPOSITIONS FOR SPIN-ON ARC/HARDMASK MATERIALS						
COMMISSIONER FOR PATENTS:						
Transmitted herewith is an amendment in the above-identified application. The fee has been calculated and is transmitted as shown below.						
CLAIMS AS AMENDED						
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE	
TOTAL CLAIMS	10 -	20 =	0	x \$50.00	\$0.00	
INDEP. CLAIMS	3 -	3 =	0	x \$200.00	\$0.00	
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00	
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$0.00	
<input checked="" type="checkbox"/> No additional fee is required for amendment. <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____ <input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed. <input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 09-0458/IBM <input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16. <input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17. <input type="checkbox"/> Payment by credit card. Form PTO-2038.						
WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.						
 Signature			Dated: August 14, 2006			
Yongzhi Yang Registration No. 56,310 SCULLY, SCOTT, MURPHY & PRESSER, P.C. 400 Garden City Plaza - Suite 300 Garden City, New York 11530			<div style="border: 1px solid black; padding: 5px;"> I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____ (Date) _____ Signature of Person Mailing Correspondence _____ Typed or Printed Name of Person Mailing Correspondence </div>			
CC:						

P11LARGE/REV09

AMENDMENT TRANSMITTAL LETTER (Large Entity)				Docket No. FIS920030196US1 (16715)	
Applicant(s): Marie Angelopoulos et al.					
Application No. 10/679,782	Filing Date October 6, 2003	Examiner Sin J. Lee	Customer No. 23389	Group Art Unit 1752	Confirmation No. 3728
Invention: SILICON-CONTAINING COMPOSITIONS FOR SPIN-ON ARC/HARDMASK MATERIALS					
COMMISSIONER FOR PATENTS:					
Transmitted herewith is an amendment in the above-identified application. The fee has been calculated and is transmitted as shown below.					
CLAIMS AS AMENDED					
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	10 -	20 =	0	x \$50.00	\$0.00
INDEP. CLAIMS	3 -	3 =	0	x \$200.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$0.00
<input checked="" type="checkbox"/> No additional fee is required for amendment. <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____ <input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed. <input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 09-0458/IBM <input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16. <input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17. <input type="checkbox"/> Payment by credit card. Form PTO-2038. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
 Signature Yongzhi Yang Registration No. 56,310 SCULLY, SCOTT, MURPHY & PRESSER, P.C. 400 Garden City Plaza - Suite 300 Garden City, New York 11530			Dated: August 14, 2006 <div style="border: 1px solid black; padding: 5px;"> I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____ (Date) _____ Signature of Person Mailing Correspondence _____ Typed or Printed Name of Person Mailing Correspondence </div>		
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Response Under 37 C.F.R. §1.116
Expedited Procedure
Examining Group 1752**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Marie Angelopoulos et al. **Examiner:** Sin J. Lee
Serial No: 10/679,782 **Art Unit:** 1752
Filed: October 6, 2003 **Docket:** FIS920030196US1 (16715)
For: SILICON-CONTAINING COMPOSITIONS FOR SPIN-ON
ARC/HARDMASK MATERIALS
Confirmation No: 3728 **Dated:** August 14, 2006

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

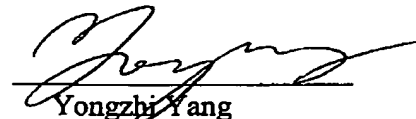
RESPONSE UNDER 37 C.F.R. §1.116

Sir:

In response to the Office Action dated June 14, 2006, Applicants submit the following amendments and remarks for entry of record in the above-identified patent application.

CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that this document is being filed in the United States Patent and Trademark Office on the date shown below via facsimile transmission to Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 at facsimile transmission number (571) 273-8300.

Dated: August 14, 2006
Yongzhi Yang